DISCIPLINE: Physical & Environmental Protection

Discipline Roadmap for: Facility Access and Monitoring Systems

DOMAIN: SECURITY

Current	2 Years	5 Years
Baseline Environment	**Tactical Deployment**	**Strategic Direction**
Access Systems ▪ Biometric ▪ Proximity ▪ Code-based Surveillance ▪ Closed-Circuit ▪ IP-based		Market Watch
		Shared / **Agency** ✓
Retirement Targets N/A	**Mainstream Platforms** (must be supported)	
Containment Targets N/A		**Emerging Platforms** Market Watch

Implications and Dependencies

- User access and authorization through database or LDAP based systems. Management through SNMPv3 or IP.
- Should be incorporated into the entity's power redundancy strategy.

Roadmap Notes

- Standard to be reviewed annually after adoption by the AOC.

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- **Discipline Boundaries:**
  - Barrier defense systems (e.g. key card, PIN entry, finger print biometrics, retinal scans, facial recognition, etc.) used to secure restricted access areas (e.g. server room, entity campus), as well as monitoring systems for surveillance (e.g. Closed Circuit TV). Does not address “boots on the ground” security personnel.
- **Discipline Standards:**
  - Must support the SC Enterprise Architecture standards for networking (e.g. LAN, WAN, cabling, etc.).
- **Migration Considerations:**
  - None
- **Exception Considerations:**
  - Specialized business needs requiring exception should be reviewed through the AOC exception process.
- **Miscellaneous Notes:**
  - Should be implemented in a layered approach to provide failsafes:
    - Surveillance layer - e.g. cameras, motion detectors, and microphones
    - Access Control layer – e.g. key and keyless locks, biometrics, etc.
    - Infrastructure layer – e.g., windows, doors, locks, etc.
- **Established**
  - November 15, 2006
- **Date Last Updated:**
  - November 15, 2006
- **Next Review Date:**
  - November 2007